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**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**

(\$ 385.00)

**Complete if Known**

Application Number

Filing Date

First Named Inventor

GIULIO PETTINAROLI

Examiner Name

Art Unit

Attorney Docket No.

HCI-102-A

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

501280

CHARLES W. CHANDLER

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	385.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

**SUBTOTAL (1) (\$)** 385.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims		Fee from below	Fee Paid
Total Claims	12	-20** = 0	X		0
Independent Claims	2	-3** = 0	X		0
Multiple Dependent					

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$)** 0.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity

Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	1053 130	2053 130	Non-English specification	
1812 2,520	2052 2,520	1812 2,520	2052 2,520	For filing a request for ex parte reexamination	
1804 920*	2052 920*	1804 920*	2052 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	2052 1,840*	1805 1,840*	2052 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	1402 330	2402 165	Filing brief in support of an appeal	
1403 290	2403 145	1403 290	2403 145	Request for oral hearing	
1451 1,510	2451 1,510	1451 1,510	2451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	1502 480	2502 240	Design issue fee	
1503 640	2503 320	1503 640	2503 320	Plant issue fee	
1460 130	2460 130	1460 130	2460 130	Petitions to the Commissioner	
1807 50	2807 50	1807 50	2807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	2806 180	1806 180	2806 180	Submission of Information Disclosure Stmt	
8021 40	28021 40	8021 40	28021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	2802 900	1802 900	2802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)****SUBMITTED BY**

Name (Print/Type)

Charles W. Chandler

Registration No.  
(Attorney/Agent)

24,290

(Complete if applicable)

Telephone 734-522-0920

Signature

Date

1/12/04

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>PATENT APPLICATION FEE DETERMINATION RECORD</b>						Application or Docket Number <b>HCI-102-A / ,</b>			
<b>CLAIMS AS FILED – PART I</b>									
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED	NUMBER EXTRA		RATE	FEE				
BASIC FEE (37 CFR 1.16(a))					\$ _____	OR	\$ _____		
TOTAL CLAIMS (37 CFR 1.16(c))	12	minus 20 = *		x \$ 9 =		OR	x \$ _____ =		
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2	minus 3 = *		x \$ 42 =		OR	x \$ _____ =		
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ \$ _____ =		OR	+ \$ _____ =		
				TOTAL		OR	TOTAL		
<p>* If the difference in column 1 is less than zero, enter "0" in column 2.</p>									
<b>CLAIMS AS AMENDED – PART II</b>									
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))	*	Minus	**	=	x \$ _____ =		OR	x \$ _____ =	
Independent (37 CFR 1.16(b))	*	Minus	***	=	x \$ _____ =		OR	x \$ _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ \$ _____ =		OR	+ \$ _____ =	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))	*	Minus	**	=	x \$ _____ =		OR	x \$ _____ =	
Independent (37 CFR 1.16(b))	*	Minus	***	=	x \$ _____ =		OR	x \$ _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ \$ _____ =		OR	+ \$ _____ =	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))	*	Minus	**	=	x \$ _____ =		OR	x \$ _____ =	
Independent (37 CFR 1.16(b))	*	Minus	***	=	x \$ _____ =		OR	x \$ _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ \$ _____ =		OR	+ \$ _____ =	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. Patent Application of:  
Giulio Pettinaroli

Serial No.                      Unknown

Examiner:

Filing Date:                      Unknown

Art Unit:

For:                      IMPROVEMENTS IN OR RELATING TO BALL VALVES

EXPRESS MAIL CERTIFICATION

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Express Mail:

Mailing Label  
EH188460894US

Date of Deposit      January 14, 2024

I hereby certify that the enclosed patent application consisting of 8 pages of description, 12 claims, Abstract of Disclosure, 3 sheets of drawings (in duplicate), Declaration for Utility Patent Application, Fee Transmittal, and Utility Patent Application Transmittal, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Carrie O'Meara